Logic Independence **WIRELESS**

£400

The growing demands for a high quality practical solution to overcome all the frustrating problems that have evolved since the wireless dream first came to market, has led us to develop this innovative top quality and outstanding performance, incredibly versatile product, providing all the functions and performance required to satisfy customers needs; for use with or without earplugs, on any bike, at any speed.

Kit L-IW comes complete with two independent portable wireless hubs, two noise cancelling stereo headsets and two phone and stereo music leads, providing you with freedom from wires to the bike or between rider and passenger. Independent VOX and 4 Aux connections per hub (8 in total) provides you with your choice of optional bike-to-bike, GPS, plus independent phones and independent stereo music etc, you can even add an optional internal stereo Bluetooth interface to each hub if required. A mode selector switch lets you share your hubs Aux 2, 3 and 4 audio with the other hub if preferred.

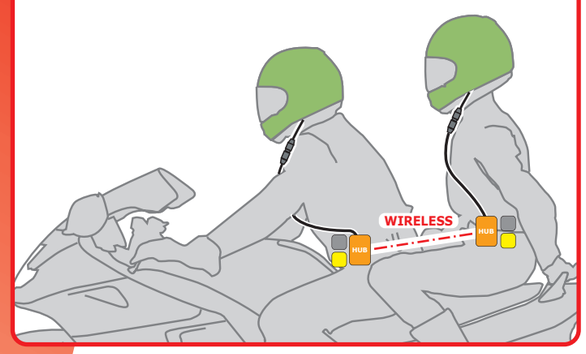
Kit L-IW

Complete with:

2 Logical, mixing and control main hub units	£350
2 Noise cancelling stereo headsets	£70
2 Standard phone leads*	£8
2 Stereo music lead	£10
Full instructions	
Kit Price	~~£438~~ **£400**

Saves £38

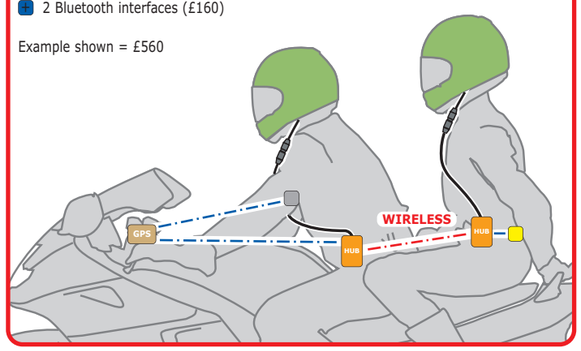
Example W1 shown with: Kit L-IW (£400)



Example W2 shown with: Kit L-IW (£400)

2 Bluetooth interfaces (£160)

Example shown = £560



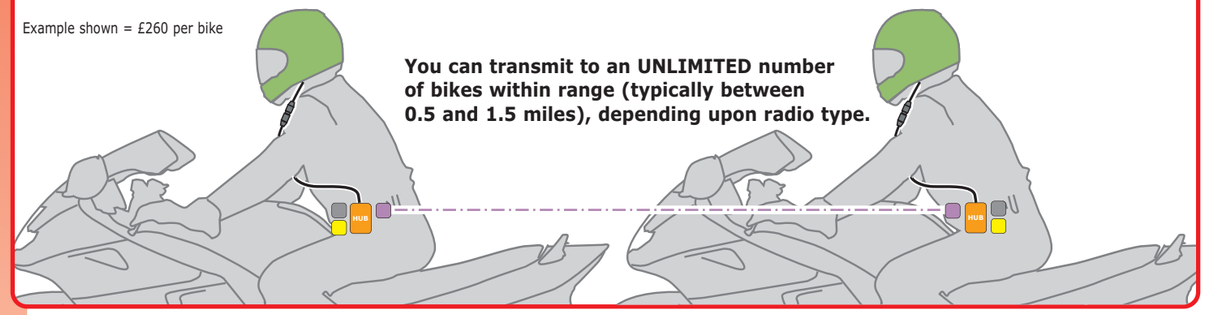
Example W3 shown with: Kit L-IW (£400) split between two bikes:

2 Bike-to-bike radios (£100)

2 Bike-to-bike interface leads (£20)

Example shown = £260 per bike

You can transmit to an UNLIMITED number of bikes within range (typically between 0.5 and 1.5 miles), depending upon radio type.

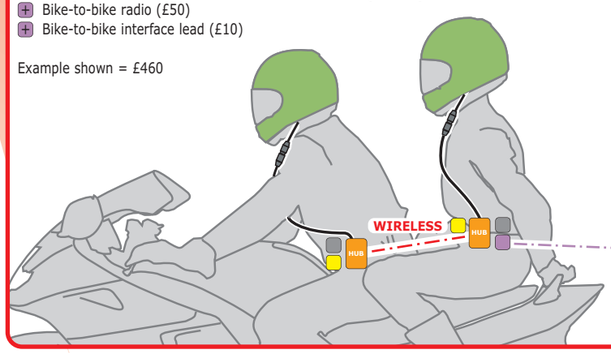


Example W4 shown with: Kit L-IW (£400)

Bike-to-bike radio (£50)

Bike-to-bike interface lead (£10)

Example shown = £460



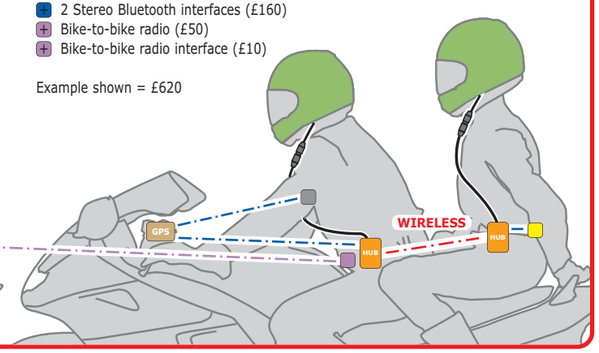
Example W5 shown with: Kit L-IW (£400)

2 Stereo Bluetooth interfaces (£160)

Bike-to-bike radio (£50)

Bike-to-bike radio interface (£10)

Example shown = £620



Logic Independence **WIRELESS** • **Main Features and Benefits**

Kit L-IW

- **Ultra high quality, plug-in, noise cancelling boom microphones** • Do an incredible job of picking up your speech while rejecting the maximum amount of undesirable ambient helmet noise.

- **Independent tuned active noise reduction filters with speech boost** • Work together with the noise cancelling microphones to ensure even less noise is amplified through the system or speakers (typically rejecting 99% noise at 70mph and 95% at 100mph), while also boosting speech for optimum high speed clarity and use up to 180mph.

- **Independent rider and passenger voice activation circuits (I-VOX)** • Independent VOX sensitivity controls for each user reliably turns each microphone 100% off while not speaking to ensure that ZERO noise is amplified through the speakers. This not only reduces riding fatigue but also means that all other audio such as bike-to-bike, GPS, phone and stereo music etc are completely free from any additional amplified noise.

- **Independent, logical, mixing and control** • See page 11 for full details.

- **Side-tone** • Gives you the benefit of letting you hear your own voice clearly which helps you to naturally speak at the correct level according to varying helmet noise conditions, and this avoids unnecessary shouting that non-side-tone products normally suffer. Side-tone also provides you with important audio confirmation of correct VOX set-up and use, which improves rider to passenger communications as well as hands free voice activated bike-to-bike radio use. What you hear you know they will be hearing. Without side tone you simply cannot know this.

- **Full duplex** • Allows both rider and passenger to speak naturally and freely and at the same time, either to each other or while on the phone. With full duplex there is no need to wait for a break, or "over!" Important local information can be communicated instantly and effortlessly at all times, e.g., "watch out for that truck" etc., even while using any other inputs. Important rider-to-passenger communications are never interrupted or lost while using any other features

- **Independent rider and passenger master volume controls** • Lets you manage the sound levels independently to each headset, making it ideal for use with or without earplugs or any combination. Each control is colour coded for easy identification at a glance.

- **The digital wireless link** • Uses one of the very latest digital Bluetooth devices, which has been re-coded to work as a hub-to-hub wireless link.

  The wireless link is full duplex so that both rider and passenger can speak at the same time. Unlike many other wireless products, for safety reasons, this system is purposely designed so that you can use all the available features at the same time without ever losing the important rider-to-passenger link.

  The digital link is also designed so that a bike-to-bike radio can be connected to either hub and used by both people either one at a time or simultaneously. Also, if you prefer, you can set either hub so that it can share its normally independent Aux connections with the other user.

- **Independent high quality stereo amplifiers** • Provides high quality stereo reproduction to each stereo headset.

- **High power, super slim, stereo speakers** • Ergonomically designed for maximum comfort, high quality speakers deliver all the sound you need for use with or without earplugs.

- **High quality, robust, water resistant headset lead and connectors** • Designed to quick release in an emergency, with large orientation markings to ease alignment, even with gloves on.

- **4 Aux connections per hub (8 in total)** • For shared bike to bike, and independent or shared stereo GPS, stereo phones and/or stereo music etc

- **Optional single internal stereo Bluetooth wireless interface** • For wireless stereo phone/GPS/music connections.

- **12 months manufacturers warranty** • With options to extend the manufacturers warranty to two or three years, for a small addition cost when you register your new product details directly to the UK factory using the reply form on the back of the instruction manuals or via email within 14 days of the original purchase date.

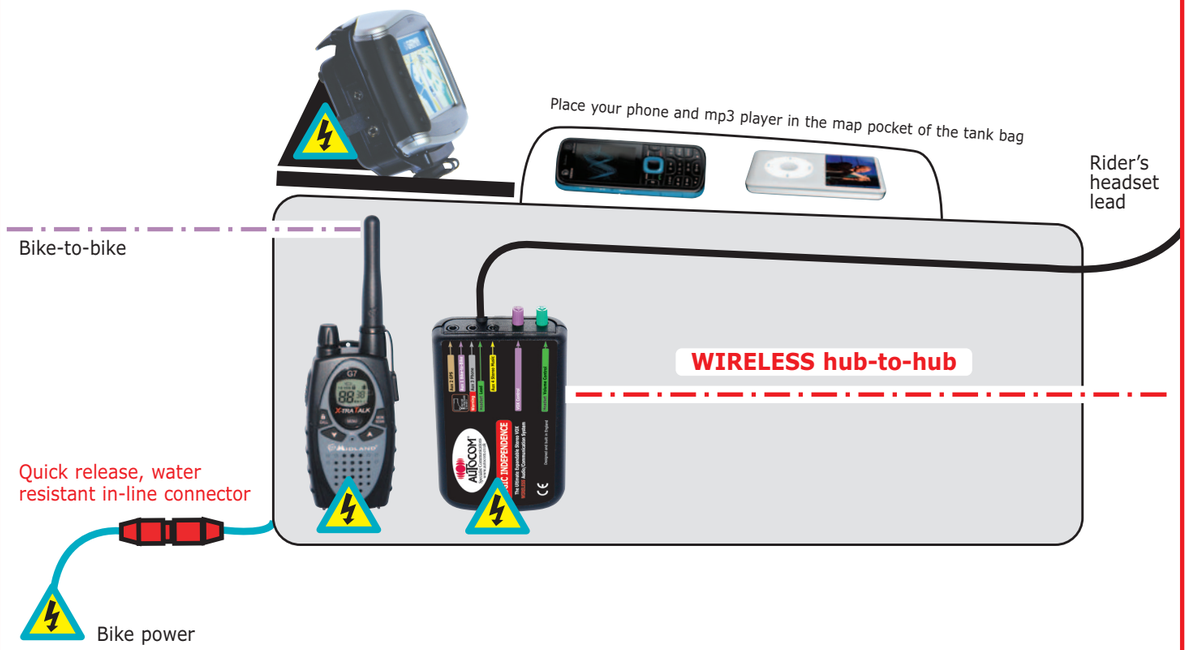
*Some phones may require a personal hands free adaptor.

Logic Independence **WIRELESS**

For most of the time your Kit L-IW is going to be perfect used as a portable.

But for those longer trips, why not bike power it!

Powered tank bag example


Place your phone and mp3 player in the map pocket of the tank bag
Rider's headset lead
Bike-to-bike
WIRELESS hub-to-hub
Quick release, water resistant in-line connector
Bike power

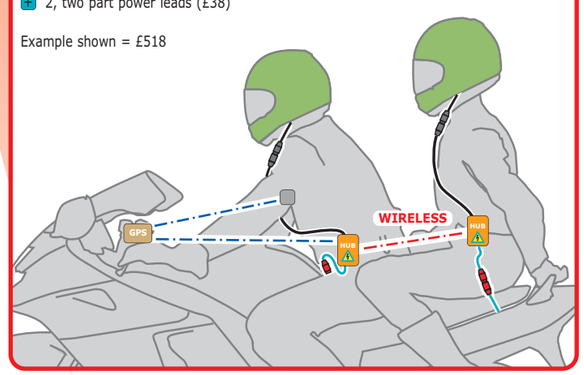
Connect your phone and stereo mp3 device to the hub's Aux 3 and Aux 4 socket using the standard phone and music leads supplied in the Kit L-IW.
Connect your Garmin Zumo GPS into Aux 2 socket using part 2210 (£28), which provides GPS directions, stereo music and safety camera warnings (even when using the phone).
Connect a Midland G7 bike-to-bike radio, part 2319 (£50) to your hub's Aux 1 connection using part 2345 (£48) for bike powered bike-to-bike.
Power the hub and bike-to-bike radio in a tank bag using parts 2431 (£20) and 2429 (£10), which also has 12 volt output to power the GPS.

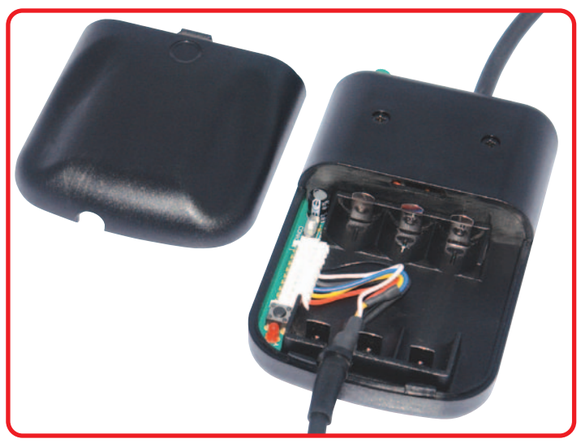
Consider using the optional stereo Bluetooth interface (part 2217) for your phone.

Example W6 shown with Kit L-IW (£400) with parts as above = £556

Example W7 shown with: Kit L-IW (£400)
- Stereo Bluetooth interface (£80)
- 2, two part power leads (£38)

Example shown = £518





Logic Independence **WIRELESS**

A range of optional accessories lets you personalise your expandable system - (see pages 22 to 26)

Kit L-IW comes with two Logic Independence WIRELESS main control hubs

● **Independent, logical, mixing and control** • For each hub provides seamless integration for all your audio/communication needs. 4 Aux connections (per wireless hub) plus an optional wireless Bluetooth interface and a range of optional leads lets you customise your system to suit your needs, as and when you want. A mode selector switch lets you set your hubs independent audio to be shared with the other hub if required.

Aux 1 ● designed for **Bike-to-Bike**

Both rider and passenger can use an optional bike-to-bike radio connected to either hub via the I-VOX system, providing easy and safe hands free use, without losing the rider to passenger communications or any other functions.
If you bike power your hub you can also bike power recommended bike-to-bike radios, plus take advantage of the optional handlebar remote control, to disable the VOX transmit mode providing privacy for rider-to-passenger communications, and then transmit bike-to-bike messages at any time by either pressing the press-to-talk (PTT) button, or toggle back to the normal VOX transmit mode. When the phone is in use and disables the VOX transmit function, the remote control PTT button lets you over-ride this so that you can transmit to other bikes even when on the phone. **Incoming bike to bike audio on Aux 1 on either hub automatically reduces the stereo music level on both hubs Aux 4 to 50% to improve speech clarity.**

Aux 2 ● designed for **Stereo GPS**

A GPS can be connected to either hub using an optional interface lead to suit, or if your GPS unit transmits Bluetooth by using the optional integral stereo Bluetooth wireless interface.

Note; you can use some phones via some GPS units, but in most cases you lose the important GPS audio and safety camera warnings while using the phone through a GPS. This is why we provide separate GPS stereo connectivity and separate phone connectivity to manage this better for you.
Incoming GPS audio on Aux 2 automatically reduces the stereo music on Aux 4 by 50% for improved GPS clarity.

Aux 3 ● designed for **Stereo Phone**

Phones can be connected to each hub using the standard leads* supplied, or via the optional stereo Bluetooth interfaces, without losing the rider-to-passenger communications. You can use some phones via some GPS units but see the note in Aux 2 above.
Incoming phone audio on Aux 3 automatically reduces the stereo music on Aux 4 by 100% and bike to bike/GPS audio by 50% to improve phone conversation. The VOX transmit mode for bike-to-bike is disabled so that your phone conversations are not broadcast out to other bikes.

Aux 4 ● designed for **Stereo Music**

Both rider and passenger can independently enjoy their own stereo music using the standard leads supplied, which let you connect to most typical mp3/ipods etc. Note; these connections can be used for some stereo phones, record out etc.
Rider and passengers speech, plus bike to bike audio automatically reduces the stereo music on both hubs Aux 4 by 50% to improve communications.
Incoming GPS audio on Aux 2 automatically reduces the stereo music on Aux 4 by 50% for improved GPS clarity.
Incoming phone audio on Aux 3 automatically cuts the stereo music on Aux 4 by 100% for improved phone conversations.

Optional **Stereo Bluetooth Aux 5**

Stereo WIRELESS Bluetooth interface lets you connect wirelessly to stereo phones/stereo GPS or stereo music systems.
These internal modules simply plug inside each hub and pairing is easy and reliable, and once done automatic each time you use the system.
Incoming audio on Aux 5 can be set to have the same effects as incoming audio would on Aux 2 or 3.

Power

Perfectly designed for portable battery use using 3 AA batteries (not included) or optionally bike powered for mile after mile of fuss free use. Either way you simply get on, plug-in and ride. The system **automatically turns on and off via the headsets** (when used portable) or via the bikes ignition (when bike powered). Built-in noise suppression helps to prevent any electrical noise from the bike entering the system. Thermal overload and reverse polarity protection help to protect your investment and let you enjoy a trouble free long life experience.

Ultra High Quality Rider and Passenger Headsets

When either person speaks, the I-VOX system automatically turns only their microphone on, reduces the stereo music and transmitting the bike-to-bike radio, for safer hands free use. When you stop speaking the microphone automatically turns off and the music gently glides back to its normal level. High quality, robust, water resistant, connectors and leads are custom designed for easy, safe and comfortable use and quick release in an emergency. Built to last but also easy to service or replace. Optional neat on-bike rubber socket holders with water resistant dust caps provide that professional finishing touch.

*some phones may require a headset adaptor to suit the standard phone lead 2.5mm plug (available from Autocom and most phone shops)